

KING COUNTY

1200 King County Courthouse
516 Third Avenue
Seattle, WA 98104

Signature Report

April 21, 2004

Ordinance

Proposed No. 2004-0202.1

Sponsors Constantine

1 AN ORDINANCE relating to fire safety regulations in
2 King County; adopting, amending and supplementing the
3 International Fire Code; amending Ordinance 2097, Section
4 1, as amended, and K.C.C. 17.04.010, Ordinance 2097,
5 Section 2, as amended, and K.C.C. 17.04.020, Ordinance
6 12560, Section 148, as amended, and K.C.C. 17.04.01001,
7 Ordinance 2097, as amended, and K.C.C. 17.04.080,
8 Ordinance 12560, Section 153, as amended, and K.C.C.
9 17.04.01006, Ordinance 12560, Section 154, as amended,
10 and K.C.C. 17.04.01007, Ordinance 12560, Section 155, as
11 amended, and K.C.C. 17.04.01008, Ordinance 12560,
12 Section 157, as amended, and K.C.C. 17.04.01010,
13 Ordinance 12560, Section 151, as amended, and K.C.C.
14 17.04.01004, Ordinance 12560, Section 149, as amended,
15 and K.C.C. 17.04.01002, Ordinance 12560, Section 156, as
16 amended, and K.C.C. 17.04.01009, Ordinance 12560,
17 Section 150, as amended, and K.C.C. 17.04.01003,

Ordinance 12560, Section 158, as amended, and K.C.C.
17.04.01011, Ordinance 12560, Section 159, as amended,
and K.C.C. 17.04.01012, Ordinance 12560, Section 162, as
amended, and K.C.C. 17.04.01015, Ordinance 12560,
Section 164, as amended, and K.C.C. 17.04.01017,
Ordinance 12560, Section 165, as amended, and K.C.C.
17.04.01018, Ordinance 12560, Section 166, as amended,
and K.C.C. 17.04.01019, Ordinance 12560, Section 167, as
amended, and K.C.C. 17.04.0102, Ordinance 12560,
Section 168, as amended, and K.C.C. 17.04.01021,
Ordinance 7980, Section 1, as amended, and K.C.C.
17.04.070, Ordinance 14111, Section 201, and K.C.C.
17.04.010223, Ordinance 12560, Section 170, as amended,
and K.C.C. 17.04.01023, Ordinance, 14111, Section 202,
and K.C.C. 17.04.010225, Ordinance 14111, Section 203,
and K.C.C. 17.04.010227, Ordinance 14111, Section 205,
and K.C.C. 17.04.010231, Ordinance 14111, Section 213,
and K.C.C. 17.04.010239, Ordinance 14111, Section 206,
and K.C.C. 17.04.010232, Ordinance 14111, Section 210,
and K.C.C. 17.04.010236, Ordinance 6328, Section 4, as
amended, and K.C.C. 17.04.030, Ordinance 12560, Section
171, as amended, and K.C.C. 17.04.01024, Ordinance
14111, Section 215, and K.C.C. 17.04.010245, Ordinance

41 12560, Section 174, as amended, and K.C.C. 17.04.01027,
42 Ordinance 14111, Section 220, and K.C.C. 17.04.010275,
43 Ordinance 12560, Section 175, as amended, and K.C.C.
44 17.04.01028, Ordinance 14111, Section 211, and K.C.C.
45 17.04.010237, Ordinance 14238, Section 29, and K.C.C.
46 17.04.0815, Ordinance 14238, Section 30, and K.C.C.
47 17.04.0816, Ordinance 14238, Section 31, and K.C.C.
48 17.04.083, Ordinance 8726, Section 1, as amended, and
49 K.C.C. 17.04.040, Ordinance 5828, Section 2, and K.C.C.
50 17.08.010, Ordinance 5828, Section 4, as amended, and
51 K.C.C. 17.08.030, Ordinance 5828, Section 5, and K.C.C.
52 17.08.040, Ordinance 5828, Section 6, and K.C.C.
53 17.08.050, Ordinance 5828, Section 7, and K.C.C.
54 17.08.060, Ordinance 5828, Section 8, and K.C.C.
55 17.08.070, Ordinance 5828, Section 9, and K.C.C.
56 17.08.080, Ordinance 5828, Section 10, as amended, and
57 K.C.C. 17.08.090, Ordinance 5828, Section 11, and K.C.C.
58 17.08.130 and Ordinance 5828, Section 12, and K.C.C.
59 17.08.140 adding new sections to K.C.C. chapter 17.04,
60 recodifying K.C.C. 17.04.01001, 17.04.080, 17.04.01006,
61 17.04.01007, 17.04.01008, 17.04.01010, 17.04.01004,
62 17.04.01002, 17.04.01009, 17.04.01003, 17.04.01011,
63 17.04.01012, 17.04.01015, 17.04.01017, 17.04.01018,

64 17.04.01019, 17.04.01020, 17.04.01021, 17.04.070,
65 17.04.010223,.04.01023, 17.04.010225, 17.04.010227,
66 17.04.010231, 17.04.010239, 17.04.010232, 17.04.010236,
67 17.04.030, 17.04.01024, 17.04.010245, 17.04.01027,
68 17.04.010275, 17.04.01028, 17.04.0815, 17.04.0816, 17.04,
69 083 and 17.04.040 and repealing Ordinance 14111, Section
70 187, and K.C.C. 17.04.010105, Ordinance 12560, Section
71 160, as amended, and K.C.C. 17.04.01013, Ordinance
72 12560, Section 161, as amended, and K.C.C. 17.04.01014,
73 Ordinance 12560, Section 163, as amended, and K.C.C.
74 17.04.01016, Ordinance 14111, Section 198, and K.C.C.
75 17.04.010205, Ordinance 12560, Section 169, as amended,
76 and K.C.C. 17.04.01022, Ordinance 14111, Section 207,
77 and K.C.C. 17.04.010233, Ordinance 14111, Section 208,
78 and K.C.C. 17.04.010234, Ordinance 14111, Section 209,
79 and K.C.C. 17.04.010235, Ordinance 14111, Section 212,
80 and K.C.C. 17.04.010238, Ordinance 12560, Section 172,
81 as amended, and K.C.C. 17.04.01025, Ordinance 12560,
82 Section 173, as amended, and K.C.C. 17.04.01026,
83 Ordinance 14111, Section 219, and K.C.C. 17.04.010273,
84 Ordinance 14111, Section 221, and K.C.C. 17.04.010277,
85 Ordinance 12641, Section 4, as amended, and K.C.C.
86 17.04.01029, Ordinance 12560, Section 176, as amended,

and K.C.C. 17.04.01030, Ordinance 12560, Section 177, as amended, and K.C.C. 17.04.01031, Ordinance 12560, Section 178, as amended, and K.C.C. 17.04.01032, Ordinance 12560, Section 179, as amended, and K.C.C. 17.04.01033, Ordinance 12560, Section 180, as amended, and K.C.C. 17.04.01034, Ordinance 12560, Section 181, as amended, and K.C.C. 17.04.01035, Ordinance 12560, Section 182, as amended, and K.C.C. 17.04.01036, Ordinance 12560, Section 183, as amended, and K.C.C. 17.04.01037, Ordinance 12560, Section 184, as amended, and K.C.C. 17.04.01038, Ordinance 14111, Section 236, and K.C.C. 17.04.082, Ordinance 14111, Section 237, and K.C.C. 17.04.084, Ordinance 14111, Section 238, and K.C.C. 17.04.086, Ordinance 14111, Section 239, and K.C.C. 17.04.087, Ordinance 14111, Section 240, and K.C.C. 17.04.089 and Ordinance 2097, Section 15, and K.C.C. 17.04.090.

SECTION 1. Ordinance 2097, Section 1, as amended, and K.C.C. 17.04.010 are each hereby amended to read as follows:

Adoption. The ~~((Uniform))~~ International Fire Code ~~((Volumes I and II with Appendices, 1997))~~ 2003 Edition, as published by the International ~~((Fire))~~ Code

110 ((~~Institute~~)) Council, as amended in chapters 51-44 and 51-45 WAC, effective July 1,
111 ((~~1998~~)) 2004, together with amendments, additions, and deletions ((~~hereinafter~~)) adopted
112 in this chapter by reference, together with King County modifications are adopted as the
113 Fire Code of King County, and ((~~hereinafter~~)) referred to in this chapter as "this code."
114 Administrative rules may be adopted in accordance with K.C.C. chapter 2.98 to further
115 clarify and implement these code requirements. The King County modifications shall be
116 codified in this chapter.

117 SECTION 2. Ordinance 2097, Section 2, as amended, and K.C.C. 17.04.020 are
118 each hereby amended to read as follows:

119 **Term amendments.** Whenever the following words appear in this code, they are
120 to be changed as follows:

121 A. Fire chief, chief of the fire department, fire prevention engineer((;)) and fire
122 code official to King County fire marshal.

123 B. Fire department to King County fire marshal's office.

124 C. Fire marshal to director, department of development and environmental
125 services.

126 D. Department to the department of development and environmental services.

127 SECTION 3. K.C.C. 17.04.01001, as amended by this ordinance, is hereby
128 recodified as a new section in K.C.C. chapter 17.04.

129 SECTION 4. Ordinance 12560, Section 148, as amended, and K.C.C.
130 17.04.01001 are each hereby amended to read as follows:

131 ~~((Administration – Supplemental rules and regulations))~~ **General authority**
132 **and responsibilities - General.** Section ~~((401.4))~~ 104.1 of the ~~((Uniform))~~ International

133 Fire Code is not adopted and the following is substituted:

134 ~~((Supplemental rules and regulations (UFC 101.4)))~~ **General (IFC 104.1).** The
135 Fire Marshal is authorized to render interpretations of this code and make and enforce
136 such rules and regulations, pursuant to the provisions of K.C.C. chapter 2.98, for the
137 prevention and control of fires and fire hazards as necessary to carry out the application
138 and the intent of this code, including but not limited to:

139 1. Procedures to assure that building permits for structures shall conform to the
140 requirements of this code.

141 2. Procedures to assure that applicable standards of this code shall be reviewed as
142 part of the subdivision, short subdivision, urban planned development, rezone,
143 conditional use, special use, site development permit, binding site plan and building
144 permit processes.

145 3. Procedures to assure that ~~((Uniform Building Code Standard 9-3))~~ the standard
146 known as NFPA 13R shall be applied as a minimum standard to all R~~((4))~~ occupancies.

147 4. Procedures to allow for relaxation of the hydrant spacing requirements by as
148 much as 50% pursuant to K.C.C. chapter 17.08, except when such allowances would
149 unreasonably reduce fire protection to the area or structures served.

150 5. A minimum of one certified copy or the number required by governing law of
151 such rules and regulations shall be filed with the clerk of the council and shall be in effect
152 immediately thereafter and additional copies shall be kept in the King County Fire
153 Marshal's Office for distribution to the public.

154 SECTION 5. K.C.C. 17.04.080, as amended by this ordinance, is hereby
155 recodified as a new section in K.C.C. chapter 17.04.

156 SECTION 6. Ordinance 2097 (part), as amended, and K.C.C. 17.04.080 are each
157 hereby amended to read as follows:

158 **General authority and responsibilities- General - Enforcement((, general)).**
159 Section ((403.4.1.1)) 104.1 of the ((Uniform)) International Fire Code is ((not adopted
160 and)) supplemented with the following ((is substituted)):

161 **Enforcement ((UFC 103.4.1.1)) (IFC 104.1.1).** 1. The fire marshal or the fire
162 marshal's authorized designee is authorized to enforce the provisions of this chapter, the
163 ordinances codified in it, and any adopted rules and regulations ((adopted thereunder
164 pursuant to)) in accordance with the enforcement and penalty provisions of K.C.C. Title
165 23.

166 2. The fire marshal, or his authorized designee, any officer of the department of
167 public safety, and the chief of the fire district, or his authorized designee, is authorized to
168 take such lawful action, including the writing and issuance of citations for civil
169 infractions, as may be required to enforce the provisions of the fire lane ordinance
170 codified in this title.

171 SECTION 7. K.C.C. 17.04.01006, as amended by this ordinance, is hereby
172 recodified as a new section in K.C.C. chapter 17.04.

173 SECTION 8. Ordinance 12560, Section 153, as amended, and K.C.C.
174 17.04.01006 are each hereby amended to read as follows:

175 ~~((Inspection and enforcement))~~ **General authority and responsibilities-**
176 **General** - Additional conditions ~~((UFC 103.2.1.3))~~. Section 104.1 of the
177 International Fire Code is supplemented with the following:

178 **Additional conditions (IFC 104.1.2)**. The Fire Marshal or his/her designee
179 retains the authority ~~((under section 1001.9 of the Uniform Fire Code))~~ to impose
180 additional conditions, including but not limited to increased setbacks, use of fire retardant
181 materials, installation of fire sprinkler systems, automatic fire suppression systems,
182 automatic fire detection systems or standpipes where determined necessary to mitigate
183 identified fire protection impacts.

184 SECTION 9. K.C.C. 17.04.01007, as amended by this ordinance, is hereby
185 recodified as a new section in K.C.C. chapter 17.04.

186 SECTION 10. Ordinance 12560, Section 154, as amended, and K.C.C.
187 17.04.01007 are each hereby amended to read as follows:

188 ~~((Inspection and enforcement))~~ **General authority and responsibilities-**
189 **General** - Duties of the fire marshal's office and fire districts. Section ~~((403.2.1.2))~~
190 104.1 of the ~~((Uniform))~~ International Fire Code is ~~((not adopted and))~~ supplemented
191 with the following ~~((is substituted))~~:

192 **Duties of the fire marshal's office and fire districts ~~((UFC 103.2.1.2))~~ (IFC**
193 **104.1.3)**.

194 1. The Fire Marshal's Office within the King County department of development
195 and environmental services shall be operated under the direction of the Fire Marshal, and
196 shall have responsibility for investigation, administration and inspection functions to
197 promote compliance of the fire prevention provisions of this ~~((C))~~code.

2. The Chiefs of the King County Fire Districts and/or Fire Departments shall have responsibility for fire suppression or extinguishing provisions of this ((€))code within their respective jurisdictions.

3. The Fire Marshal's Office may, by written contract, delegate to the chiefs of the fire districts and/or fire departments authority for inspections of the fire prevention provisions of this ((€))code within their respective jurisdictions.

4. The Fire Marshal's Office may, at the request of fire districts and/or fire departments, assume an advisory status in matters of operations, function, expenditure, tactics, personnel and equipment or any other function performed by the fire districts or fire departments.

SECTION 11. K.C.C. 17.04.01008, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

SECTION 12. Ordinance 12560, Section 155, as amended, and K.C.C. 17.04.01008 are each hereby amended to read as follows:

~~((Inspection and enforcement))~~ General authority and responsibilities - Right of entry. Section ((403.3.1.2)) 104.3 of the ((Uniform)) International Fire Code is not adopted and the following is substituted:

Right of entry ((UFC 103.3.1.2)) (IFC 104.3). The right of entry shall be in accordance with the procedures specified in K.C.C. Title 23.

NEW SECTION. SECTION 13. There is hereby added to K.C.C. chapter 17.04 a new section to read as follows:

General authority and responsibilities - Right of entry - Warrant. Section 104.3.1 of the International Fire Code is not adopted.

221 SECTION 14. K.C.C. 17.04.01010, as amended by this ordinance, is hereby
222 recodified as a new section in K.C.C. chapter 17.04.

223 SECTION 15. Ordinance 12560, Section 157, as amended, and K.C.C.
224 17.04.01010 are each hereby amended to read as follows:

225 ~~((**Inspection and enforcement**—**Service of notice**))~~ **General authority and**
226 **responsibilities - Notices and orders.** Section ~~((103.4.2))~~ 104.5 of the ~~((Uniform))~~
227 International Fire Code is not adopted and the following is substituted:

228 ~~((**Service of n**))~~**Notices and orders ((UFC 103.4.2)) (IFC 104.5).** Orders and
229 notices authorized or required by this code shall be given or served ~~((pursuant to the~~
230 ~~provisions of))~~ in accordance with K.C.C. Title 23.

231 SECTION 16. K.C.C. 17.04.01004, as amended by this ordinance, is hereby
232 recodified as a new section in K.C.C. chapter 17.04.

233 SECTION 17. Ordinance 12560 Section 151, as amended, and K.C.C.
234 17.04.01004 are each hereby amended to read as follows:

235 ~~((**Inspection and enforcement**))~~ **General authority and responsibilities -**
236 **Modifications – Deviations (UFC 103.1.6))**. Section 104.8 of the International Fire
237 Code is supplemented with the following:

238 **Deviations (IFC 104.8.1).** The Fire Marshal or his/her designee shall have the
239 authority to consider deviations from the standards established for life safety/rescue
240 access, fire detection systems and fire sprinkler systems.

241 1. If the Fire Marshal finds that the deviation would not unreasonably reduce fire
242 protection to the area or structures served, and determines that the deviation should be
243 approved, the Fire Marshal shall notify the fire chief of the applicable fire district of the

deviation request. The Fire Marshal may approve the deviation if the fire chief of the applicable fire district either concurs in writing with the Fire Marshal or does not respond in writing within seven working days after notification of the deviation request. The fire district chief's lack of response shall be taken as an indication that the fire chief concurs with the Fire Marshal's finding.

2. If a response is received within seven days which is not in accordance with the opinion of the director of the department of development and environmental services or his/her designee, the issue shall be submitted to the King County fire code appeals board.

SECTION 18. K.C.C. 17.04.01002, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

SECTION 19. Ordinance 12560, Section 149, as amended, and K.C.C. 17.04.01002 are each hereby amended to read as follows:

((Administration)) General authority and responsibilities - Notice to fire districts ((UFC 101.10)). Section 104 of the International Fire Code is supplemented with the following:

Notice to fire districts (IFC 104.12).

A. Prior to submitting an application for a commercial building permit, site development permit, binding site plan, a preliminary subdivision or short subdivision approval, final subdivision or short subdivision, urban planned development, zoning reclassification, conditional use and special use permits to the ~~((King County))~~ department ~~((of development and environmental services))~~:

1. the applicant shall submit a copy of his application to the ~~((King County
Fire Protection District))~~ district providing fire protection services to the proposed development;

2. subdivisions and short subdivisions applied for and/or recorded before February 1, 1989, shall be submitted once to the applicable fire district for review at the time of the first building permit by the applicant for that building permit;

3. it shall be the responsibility of the fire district to issue a receipt to the applicant the same day it receives a copy of a permit application. The receipt shall constitute proof to the director of the notification;

4. the applicant shall include the fire district receipt with the permit application to the department;

5. it shall be the responsibility of the fire district to notify the fire marshal of any comments within seven days of the receipt of an applied for permit.

SECTION 20. K.C.C. 17.04.01009, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

SECTION 21. Ordinance 12560, Section 156, as amended, and K.C.C. 17.04.01009 are each hereby amended to read as follows:

~~((Inspection and enforcement))~~ **Permits – Compliance with code – Penalties**
~~((UFC 103.3.2.4)))~~. Section 105.3.6 of the International Fire Code is supplemented with the following:

Penalties (IFC 105.3.6.1). When installation of a fire protection system, which requires approval of the Fire Marshal, is started or proceeded with prior to obtaining said approval, the ordinary fees specified in K.C.C. Title 27 shall be doubled. The payment of

such double fee shall not relieve any persons from fully complying with the requirement of this code in the execution of the work nor from any other penalties prescribed herein.

SECTION 22. K.C.C. 17.04.01003, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

SECTION 23. Ordinance 12560, Section 150, as amended, and K.C.C. 17.04.01003 are each hereby amended to read as follows:

~~((Inspection and enforcement--))~~ Board of ((A))appeals – Board of appeals established. Section ~~((103.1.4))~~ 108.1 of the ~~((Uniform))~~ International Fire Code is not adopted and the following is substituted:

Appeals ((UFC 103.1.4)) (IFC 108.1). To determine and decide the suitability of alternate materials and methods of construction and to provide reasonable interpretations of the provisions of the code there shall be and hereby is created a fire code board of appeals. The board shall consist of ~~((nine(9)))~~ five members who are qualified by experience and training to pass judgment upon pertinent matters. The Fire Marshal shall be an ex officio member and he/she or a designated appointee shall act as secretary of the board. The fire code appeals board shall be appointed by the executive, confirmed by the council, and shall serve for not more than two four-year terms or until their successor is appointed and qualified. The board shall adopt reasonable rules and regulations for conducting its investigations and shall render decisions and findings in writing to the Local Fire District Chief, with a duplicate copy to the appellant, which shall be advisory unless otherwise specified in this ~~((C))~~code. The board may also recommend to the council new legislation regarding the subject matter of this ~~((C))~~code.

310 SECTION 24. Ordinance 12560, Section 152, as amended, and K.C.C.
311 17.04.01005 are each hereby repealed.

312 NEW SECTION. SECTION 25. There is hereby added to K.C.C. chapter 17.04
313 a new section to read as follows:

314 **Board of appeals - Qualifications.** Section 108.3 of the International Fire Code
315 is not adopted.

316 NEW SECTION. SECTION 26. There is hereby added to K.C.C. chapter 17.04
317 a new section to read as follows:

318 **Stop work order - Order.** Section 111.1 of the International Fire Code is not
319 adopted and the following is substituted:

320 **Order (IFC 111.1).** Whenever any work is being done contrary to the provisions
321 of this code, the fire marshal may order the work stopped in accordance with K.C.C. Title
322 23 by notice in writing served on any persons engaged in the doing or causing such work
323 to be done, or by posting such notice in a conspicuous place on the premises where the
324 violation is occurring, and any such persons shall forthwith stop such work until
325 authorized by the fire marshal to proceed with the work.

326 Whenever any work is being done contrary to the provisions of this code, the fire
327 marshal may order the violations corrected without ordering all work stopped by issuing
328 a correction notice which identifies the violation. The correction notice may require
329 reinspection prior to further constructions or at the time of the next required inspection.
330 The correction notice shall be served or posted in the same manner as a stop work order.

331 These remedies are in addition to those authorized elsewhere in the code.

332 NEW SECTION. SECTION 27. There is hereby added to K.C.C. chapter 17.04
333 a new section to read as follows:

334 **Stop work order – Failure to comply.** Section 111.4 of the International Fire
335 Code is not adopted.

336 SECTION 28. Ordinance 14111, Section 187, and K.C.C. 17.04.010105 are each
337 hereby repealed.

338 SECTION 29. K.C.C. 17.04.01011, as amended by this ordinance, is hereby
339 recodified as a new section in K.C.C. chapter 17.04.

340 SECTION 30. Ordinance 12560, Section 158, as amended, and K.C.C.
341 17.04.01011 are each hereby amended to read as follows:

342 **Definitions – Applicant (~~((UFC 202)))~~.** Section 202 of the International Fire
343 Code is supplemented with the following:

344 **Definitions – Applicant (IFC 202).** "Applicant" means a property owner or a
345 public agency or public or private utility which owns a right-of-way or associated
346 easement or has been adjudicated the right to such an easement pursuant to RCW
347 8.12.090, or any person or entity designated or named in writing by the property or
348 easement owner to be the applicant, in an application for a permit.

349 SECTION 31. K.C.C. 17.04.01012, as amended by this ordinance, is hereby
350 recodified as a new section in K.C.C. chapter 17.04.

351 SECTION 32. Ordinance 12560, Section 159, as amended, and K.C.C.
352 17.04.01012 are each hereby amended to read as follows:

353 **Definitions - Fire detection system (~~((UFC 207)))~~.** Section 202 of the
354 International Fire Code is supplemented with the following:

355 **Definitions – Fire detection system (IFC 202).** "Fire detection system" means
356 a heat and/or smoke detection system monitored by a central and/or remote station
357 conforming to the ~~((1999))~~ 2003 edition of the ~~((Uniform))~~ International Fire Code
358 ~~((Standard 10-2 and 10-3))~~ and/or the Fire Marshal or his/her designee.

359 **SECTION 33.** Ordinance 12560, Section 160, as amended, and K.C.C.
360 17.04.01013 are each hereby repealed.

361 **SECTION 34.** Ordinance 12560, Section 161, as amended, and K.C.C.
362 17.04.01014 are each hereby repealed.

363 **SECTION 35.** K.C.C. 17.04.01015, as amended by this ordinance, is hereby
364 recodified as a new section in K.C.C. chapter 17.04.

365 **SECTION 36.** Ordinance 12560, Section 162, as amended, and K.C.C.
366 17.04.01015 are each hereby amended to read as follows:

367 **Definitions - Life safety/rescue access ~~((UFC 213))~~.** Section 202 of the
368 International Fire Code is supplemented with the following:

369 **Definitions – Life safety/rescue access (IFC 202).** "Life safety/rescue access"
370 means an unobstructed access to all floor levels and each roof level of a building on not
371 less than twenty percent of the building perimeter by utilizing a thirty-five foot ladder.
372 An alternate method would be at least one stairway enclosure with exit doorways from
373 each floor level and with a door opening onto each roof level which conforms to the
374 requirements of the ~~((Uniform))~~ International Building Code.

375 **SECTION 37.** Ordinance 12560, Section 163, as amended, and K.C.C.
376 17.04.01016 are each hereby repealed.

377 SECTION 38. K.C.C. 17.04.01017, as amended by this ordinance, is hereby
378 recodified as a new section in K.C.C. chapter 17.04.

379 SECTION 39. Ordinance 12560, Section 164, as amended, and K.C.C.
380 17.04.01017 are each hereby amended to read as follows:

381 **Fire ~~((department))~~ apparatus access roads - ~~((UFC 902))~~ (IFC 503).**
382 Section ~~((902))~~ 503 of the ~~((Uniform))~~ International Fire Code as amended and
383 supplemented by this chapter is hereby adopted as King County fire ~~((department))~~
384 access standards.

385 SECTION 40. K.C.C. 17.04.01018, as amended by this ordinance, is hereby
386 recodified as a new section in K.C.C. chapter 17.04.

387 SECTION 41. Ordinance 12560, Section 165, as amended, and K.C.C.
388 17.04.01018 are each hereby amended to read as follows:

389 **Fire ~~((department))~~ apparatus access roads - Specifications - Surface.**
390 Section ~~((902.2.2.2))~~ 503.2.3 of the ~~((Uniform))~~ International Fire Code is not adopted
391 and the following is substituted:

392 **Surface ~~((UFC 902.2.2.2))~~ (IFC 503.2.3).** Fire apparatus access roads shall be
393 designed and maintained to support the imposed loads of 25 tons, or as required by Fire
394 Marshal and shall be provided with a surface so as to provide all-weather driving
395 capabilities which comply with Ordinance 11187, King County Road Standards (Chapter
396 14).

397 SECTION 42. K.C.C. 17.04.01019, as amended by this ordinance, is hereby
398 recodified as a new section in K.C.C. chapter 17.04.

399 SECTION 43. Ordinance 12560, Section 166, as amended, and K.C.C.
400 17.04.01019 are each hereby amended to read as follows:

401 **Fire ((~~department~~)) apparatus access roads - Specifications - Turning radius.**
402 Section ((~~902.2.2.3~~)) 503.2.4 of the ((~~Uniform~~)) International Fire Code is not adopted
403 and the following is substituted:

404 **Turning radius ((~~UFC 902.2.2.3~~)) (IFC 503.2.4).** The turning radius of a fire
405 apparatus access road shall have a 20 foot inside and 40 foot outside turning radius, or
406 shall be otherwise approved by the Fire Marshal.

407 SECTION 44. K.C.C. 17.04.01020, as amended by this ordinance, is hereby
408 recodified as a new section in K.C.C. chapter 17.04.

409 SECTION 45. Ordinance 12560, Section 167, as amended, and K.C.C.
410 17.04.01020 are each hereby amended to read as follows:

411 **Fire ((~~department~~)) apparatus access roads - Specifications - Dead ends.**
412 Section ((~~902.2.2.4~~)) 503.2.5 of the ((~~Uniform~~)) International Fire Code is not adopted
413 and the following is substituted:

414 **Dead ends ((~~UFC 902.2.2.4~~)) (IFC 503.2.5).** Dead-end fire apparatus access
415 roads in excess of 150 feet (45.72 m) in length shall be provided with an approved cul-
416 de-sac having a 40 foot turning radius, or a "hammerhead-like" turnaround designed as
417 described in King County Administrative Rule for Chapter 17-04 or other designs
418 approved by the Fire Marshal.

419 SECTION 46. Ordinance 14111, Section 198, and K.C.C. 17.04.010205 are each
420 hereby repealed.

421 SECTION 47. K.C.C. 17.04.01021, as amended by this ordinance, is hereby
422 recodified as a new section in K.C.C. chapter 17.04.

423 SECTION 48. Ordinance 12560, Section 168, as amended, and K.C.C.
424 17.04.01021 are each hereby amended to read as follows:

425 **Fire ~~((department))~~ apparatus access roads - Specifications - Grade.** Section
426 ~~((902.2.2.6))~~ 503.2.7 of the ~~((Uniform))~~ International Fire Code is not adopted and the
427 following is substituted:

428 **~~Grade ((UFC 902.2.2.6))~~ (IFC 503.2.7).** The gradient for a fire apparatus
429 access road shall not exceed 15 percent at any point.

430 SECTION 49. Ordinance 12560, Section 169, as amended, and K.C.C.
431 17.04.01022 are each hereby repealed.

432 SECTION 50. K.C.C. 17.04.070, as amended by this ordinance, is hereby
433 recodified as a new section in K.C.C. chapter 17.04.

434 SECTION 51. Ordinance 7980, Section 1, as amended, and K.C.C. 17.04.070 are
435 each hereby amended to read as follows:

436 **Fire ~~((lanes—Establishment—Vehicle obstruction and impoundment))~~**
437 **apparatus access roads - Marking of and establishment of fire lanes.** Section 503.3
438 of the International Fire Code is not adopted and the following is substituted:

439 **Marking of and establishment of fire lanes (IFC 503.3)**

440 A. Establishment of Fire Lanes. Fire lanes in conformance with this code shall
441 be established by the King County fire marshal or his authorized designee, and shall be
442 referred to as designated fire lanes in this section.

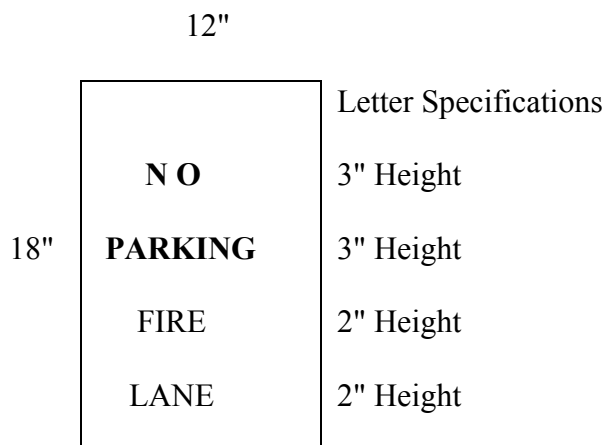
B. Definition of Fire Lanes. The area within any public right-of-way, easement, or on private property designated for the purpose of permitting fire trucks and other fire fighting or emergency equipment to use, travel upon, and park.

C. Marking of Fire Lanes. All designated fire lanes shall be clearly marked in the following manner:

1. Vertical curbs (6 inch) shall be painted yellow on the top and side, extending the length of the designated fire lane. The pavement adjacent to the painted curbs shall be marked with minimum 18 inch in height block lettering with a minimum 3 inch brush stroke reading: "NO PARKING - FIRE LANE." Lettering shall be yellow and spaced at 50 foot or portion thereof intervals, or

2. Rolled curbs or surface without curbs shall have a yellow 6 inch wide stripe painted extending the length of the designated fire lane. The surface adjacent to the stripe shall be marked with minimum 18 inch in height block lettering with a minimum 3 inch brush stroke reading: "NO PARKING - FIRE LANE." Lettering shall be in yellow and spaced at 50 ft. or portion thereof intervals, or

3. Fire lane signs shall be installed per the illustration:



a. Reflective in nature.

b. Red letters on white background.

c. Signs to be spaced 50 feet or portion thereof apart and posted on or immediately next to the curb.

d. Top of signs to be not less than 4 feet nor more than 6 feet from the ground.

e. Signs may be placed on a building when approved by the fire marshal as the designee of the manager of the department of development and environmental services.

When posts are required they shall be a minimum of 2 inch galvanized steel or 4 inch x 4 inch pressure treated wood. Signs to be placed so they face the direction of the vehicular travel.

D. Obstruction of Fire Lanes Prohibited. The obstruction of a designated fire lane by a parked vehicle or any other object is prohibited, shall constitute a traffic hazard as defined in state law and an immediate hazard to life and property.

E. Alternate Materials and Methods. The fire marshal as designee of the manager of the department of development and environmental services may modify any of the provisions herein where practical difficulties exist. The particulars of a modification shall be granted by the fire marshal and shall be entered into the records of the office.

F. Existing fire lane signs and markings.

1. Signs (minimum 9 inch by 16 inch) may be allowed to remain until there is a need for replacement and at that time a 12 inch x 18 inch sign shall be installed.

2. Markings may be allowed to remain until there is a need for repainting and at that time the provisions outlined in Section C, 1, 2 or 3 shall be complied with.

482 G. Maintenance. Fire lane markings shall be maintained at the expense of the
483 property owner(s) as often as needed to clearly identify the designated area as being a fire
484 lane.

485 H. Towing notification. At each entrance to property where fire lanes have been
486 designated, signs shall be posted in a clearly conspicuous location and shall clearly state
487 that vehicles parked in fire lanes may be impounded, and the name, telephone number,
488 and address of the towing firm where the vehicle may be redeemed.

489 I. Property owner responsible. The owner, manager, or person in charge of any
490 property upon which designated fire lanes have been established shall prevent the parking
491 of vehicles or placement of other obstructions in such fire lanes.

492 J. Violation - Civil infraction. Any person who fails to mark or maintain the
493 marking of a designated fire lane as prescribed in this chapter, or who parks a vehicle in,
494 allows the parking of a vehicle in, obstructs, or allows the obstruction of a designated fire
495 lane commits a civil infraction to which the provisions of RCW 7.80 shall apply. The
496 penalty for failing to mark or maintain the marking of a designated fire lane shall be one
497 hundred and fifty dollars. The penalty for parking a vehicle in, allowing the parking of a
498 vehicle in, obstructing, or allowing the obstruction of a designated fire lane shall be fifty
499 dollars.

500 K. Violation - Civil Penalty. In addition to, or as an alternate to, the provisions
501 of subsection E, any person who fails to meet the provisions of the fire lane requirements
502 codified in this title shall be subject to civil penalties in conformance with K.C.C.
503 Chapter 23.

L. Impoundment. Any vehicle or object obstructing a designated fire lane is hereby declared a traffic hazard and may be abated without prior notification to its owner by impoundment pursuant to the applicable state law.

SECTION 52. K.C.C. 17.04.010223, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

SECTION 53. Ordinance 14111, Section 201, and K.C.C. 17.04.010223 are each hereby amended to read as follows:

Access to building openings and roofs - Required access. Section ~~((902.3.1,))~~ 504.1 of the ~~((Uniform))~~ International Fire Code is not adopted and the following is substituted:

Required access ~~((UFC 902.3.1))~~ **(IFC 504.1).** Exterior doors and openings required by this code or the Building Code shall be maintained readily accessible for emergency access by the fire department.

An approved access walkway leading from fire apparatus access roads to exterior openings required by this code or the Building Code shall be provided when required by the chief.

All rescue windows required for Group R ~~((Division 4))~~ Occupancies shall be accessible by a 35 foot ground extension ladder placed so that the inclination of such ladder does not exceed 70 degrees. Ladders shall be located within the property lines.

SECTION 54. K.C.C. 17.04.01023, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

SECTION 55. Ordinance 12560, Section 170, as amended, and K.C.C. 17.04.01023 are each hereby amended to read as follows:

527 ~~((Fire department a))~~ Access to building openings and roofs - ~~((Life~~
528 ~~safety/rescue))~~ Stairway access ((UFC 904)). Section 504.3 of the International Fire
529 Code is not adopted and the following is substituted:

530 **Stairway access (IFC 504.3).**

531 1. All occupancies shall be required to provide approved ~~((life/safety-rescue))~~
532 stairway access except for the following:

533 1.1. Group U occupancies.

534 1.2. Structures regulated by the International Residential Code for One- and Two-
535 Family Dwellings.

536 1.3. Roof access need not be provided to roof levels having slope greater than 4
537 in 12.

538 2. The provisions of this chapter shall apply to all buildings whose county
539 assessed value has increased by more than 50% within a five year period due to the added
540 value of ~~((additions,))~~ alterations and repairs. When the first permit application is
541 submitted to add to, alter or repair an existing building, the county assessed value of the
542 building at the time the complete application is submitted shall be considered the base
543 county assessed value for the following five year period.

544 **EXCEPTION:** Structures damaged as a result of a disaster~~((as defined in~~
545 ~~K.C.C. 16.20.080))~~ declared in accordance with K.C.C. chapter 12.52, shall comply with
546 K.C.C. 17.04.0816 as recodified by this ordinance and 17.04.083 as recodified by this
547 ordinance.

548 3. Any additions to an existing structure shall be considered new construction and
549 subject the entire structure to the provisions of this section.

550 NEW SECTION. SECTION 56. There is hereby added to K.C.C. chapter 17.04
551 a new section to read as follows:

552 **Premises identification – addresses.** Section 505.1 of the International Fire
553 Code is not adopted and the following is substituted:

554 **Premises identification – addresses (IFC 505.1).** Approved numbers or
555 addresses shall be provided for all new buildings in such a position as to be plainly
556 visible and legible from the street or road fronting the property in accordance with K.C.C.
557 chapter 16.08

558 SECTION 57. K.C.C. 17.04.010225, as amended by this ordinance, is hereby
559 recodified as a new section in K.C.C. chapter 17.04.

560 SECTION 58. Ordinance, 14111 Section 202, and K.C.C. 17.04.010225 are each
561 hereby amended to read as follows:

562 **Key boxes – Where required.** Section ~~((902.4,))~~ 506.1 of the ~~((Uniform))~~
563 International Fire Code is not adopted and the following is substituted:

564 ~~((Key boxes (UFC 902.4)))~~ **Where required (IFC 506.1).** When access to or
565 within a structure or an area is ~~((unduly))~~ difficult or restricted because of secured
566 openings or where immediate access is necessary for life-saving or firefighting purposes,
567 the chief responsible for fire suppression service is authorized to require a key box to be
568 installed in an accessible location. The key box shall be of an approved type and shall
569 contain keys to gain necessary access as required by the chief.

570 SECTION 59. K.C.C. 17.04.010227, as amended by this ordinance, is hereby
571 recodified as a new section in K.C.C. chapter 17.04.

572 SECTION 60. Ordinance 14111, Section 203, and K.C.C. 17.04.010227 are each
573 hereby amended to read as follows:

574 **Fire protection water supplies - Fire hydrant systems.** Section ~~((903.4))~~ 508.5
575 of the ~~((Uniform))~~ International Fire Code is not adopted and the following is substituted:

576 **Fire hydrant systems ~~((UFC 903.4))~~ (IFC 508.5).** Fire hydrant systems shall
577 be in accordance with the procedures specified in King County water-main and fire
578 hydrant provisions, K.C.C. chapter 17.08.

579 SECTION 61. K.C.C. 17.04.010231, as amended by this ordinance, is hereby
580 recodified as a new section in K.C.C. chapter 17.04.

581 SECTION 62. Ordinance 14111, Section 205, and K.C.C. 17.04.010231 are each
582 hereby amended to read as follows:

583 **~~((Plans))~~ General – Construction documents.** Section ~~((4001.3))~~ 901.2 of the
584 ~~((Uniform))~~ International Fire Code is not adopted and the following is substituted:

585 **~~((Plans (UFC 1001.3)))~~ Construction documents (IFC 901.2).** Complete plans
586 and specifications for fire alarm systems; water-mains supplying required fire flow, fire-
587 extinguishing systems, including automatic sprinklers and wet dry standpipes; halon or
588 clean agent systems and other special types of automatic fire-extinguishing systems;
589 basement pipe inlets; and other fire-protection systems and appurtenances thereto shall be
590 submitted to the fire marshal's office for review and approval prior to system installation.
591 Plans and specifications for fire alarm systems shall include, but not be limited to, a floor
592 plan; location of all alarm-initiating and alarm-signaling devices; alarm control- and
593 trouble-signaling equipment; annunciation; power connection; battery calculations;

conductor type and sizes; voltage drop calculations; and manufacturer, model numbers and listing information for all equipment, devices and materials.

SECTION 63. K.C.C. 17.04.010239, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

SECTION 64. Ordinance 14111, Section 213, and K.C.C. 17.04.010239 are each hereby amended to read as follows:

General – Modifications. Section ~~((4003.1.3))~~ 901.4 of the ~~((Uniform))~~ International Fire Code is ~~((not adopted and))~~ supplemented with the following ~~((is substituted))~~:

Modifications ~~((UFC 1003.1.3))~~ (IFC 901.4.5). ~~((When residential sprinkler systems as set forth in the Building Code (SEE UBC Standard 9-3) are provided, exceptions to, or reductions in, Building Code requirements based on the installation of an automatic fire extinguishing system are not allowed.))~~

When changes, alterations or additions to an existing sprinkler system are made that involve 10 or less sprinkler heads, a permit is not required if a final inspection and/or acceptance test is witnessed by, and as-built plans are submitted to the Fire Marshal.

SECTION 65. K.C.C. 17.04.010232, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

SECTION 66. Ordinance 14111, Section 206, and K.C.C. 17.04.010232 are each hereby amended to read as follows:

General – Installation acceptance testing. Section ~~((4001.4,))~~ 901.5 of the ~~((Uniform))~~ International Fire Code is not adopted and the following is substituted:

616 **Installation acceptance testing ((~~UFC 1001.4~~)) (IFC 901.5).** Fire alarm
617 systems; watermains supplying required fire flow, fire hydrant systems; fire-
618 extinguishing systems, sprinkler systems, standpipes, and other fire-protection systems
619 and appurtenances thereto shall meet the approval of the fire department as to installation
620 and location and shall be subject to such acceptance tests as required by the ((~~chief~~)) fire
621 code official.

622 Condition of acceptance of halon and clean agent systems shall be satisfactory
623 passage of a test conducted in accordance with nationally recognized standards prior to
624 final acceptance of the system.

625 Fire alarm and detection systems shall be tested in accordance with ((~~UFC~~
626 ~~Standard 10-2~~)) NFPA 72 and nationally recognized standards.

627 SECTION 67. Ordinance 14111, Section 207, and K.C.C. 17.04.010233 are each
628 hereby repealed.

629 SECTION 68. Ordinance 14111, Section 208, and K.C.C. 17.04.010234 are each
630 hereby repealed.

631 SECTION 69. Ordinance 14111, Section 209, and K.C.C. 17.04.010235 are each
632 hereby repealed.

633 SECTION 70. K.C.C. 17.04.010236, as amended by this ordinance, is hereby
634 recodified as a new section in K.C.C. chapter 17.04.

635 SECTION 71. Ordinance 14111, Section 210, and K.C.C. 17.04.010236 are each
636 hereby amended to read as follows:

637 **General - Marking of fire-protection equipment and fire hydrants.** Section
638 ~~((1001.8))~~ 901 of the ~~((Uniform))~~ International Fire Code is ~~((not adopted and))~~
639 supplemented with the following ~~((is substituted))~~:

640 **Marking of fire-protection equipment and fire hydrants ~~((UFC 1001.8))~~**
641 **(IFC 901.9).** Fire-protection equipment and fire hydrants shall be clearly identified in an
642 approved manner to prevent obstruction by parking and other obstructions. ~~((See also~~
643 ~~Section 901.4.3.))~~

644 1. All fire department connections shall have a sign complying with the
645 ~~((Uniform Building))~~ International Fire Code or as approved by the Fire Marshal. The
646 sign shall specify what type of water-based fire protection system it serves and building
647 areas served.

648 2. All main control valves and sectional valves for water-based fire protection
649 system shall have a sign specifying what the valves control.

650 3. All sprinklers and standpipe risers shall have signs indicating the type of
651 water-based fire protection system it is.

652 ~~((4. Fire department pumper connections shall not be located on a building unless~~
653 ~~approved by the Fire Marshal, and shall be located within 50 feet of a required fire~~
654 ~~hydrant.))~~

655 SECTION 72. Ordinance 14111, Section 212, and K.C.C. 17.04.010238 are each
656 hereby repealed.

657 SECTION 73. K.C.C. 17.04.01024, as amended by this ordinance, is hereby
658 recodified as a new section in K.C.C. chapter 17.04.

659 SECTION 74. Ordinance 12560, Section 171, as amended, and K.C.C.
660 17.04.01024 are each hereby amended to read as follows:

661 ~~((Fire-extinguishing))~~ **Automatic sprinkler systems - General.** Section
662 ~~((1003.2.1))~~ 903.1 of the ~~((Uniform))~~ International Fire Code is not adopted and the
663 following is substituted:

664 **General ~~((UFC 1003.2.1))~~ (IFC 903.1).**

665 1. An automatic fire-extinguishing system shall be installed in the occupancies
666 and locations as set forth in Section ~~((1003.2))~~ 903.2.

667 For provisions on special hazards and hazardous materials, see Section ~~((1001.9~~
668 ~~and Article 79, 80 and 81))~~ 901.4.3.

669 2. The provisions of this section shall apply to all buildings whose county
670 assessed value has increased by more than 50% within a five year period due to the added
671 value of ~~((additions,))~~ alterations and repairs. When the first permit application is
672 submitted to add to, alter or repair an existing building, the county assessed value of the
673 building at the time the complete application is submitted shall be considered the base
674 county assessed value for the following five year period.

675 **EXCEPTION:** Structures damaged as a result of a disaster~~((, as defined in~~
676 ~~K.C.C. 16.20.080))~~ declared in accordance with K.C.C. chapter 12.52, shall comply
677 ~~(([with]))~~ with K.C.C. 17.04.0816, as recodified by this ordinance, and 17.04.083, as
678 recodified by this ordinance.

679 3. Any additions to an existing structure shall be considered new construction and
680 subject the entire structure to the provisions of this section.

681 **EXCEPTIONS:** A one time exemption for buildings regulated by the
682 International Residential Code One- and Two-Family Dwellings will be allowed for a
683 single addition not to exceed 500 square feet, unless sprinklers or other fire protection
684 systems are required by other statutes.

685 4. All condominiums shall have the following wording in the recorded
686 Declaration of Covenants and a copy of the document shall be provided to the
687 ((building)) fire code official or his/her designee:

688 4.1. In the event that any unit should be equipped with a sprinkler system,
689 nothing shall be hung from the sprinklers comprising a part of the system nor shall any
690 such sprinklers be painted, covered, or otherwise changed, tampered with or altered.

691 4.2. Prior to any alteration, amendment, modification or change thereof, the
692 owners or their agents will submit such alteration, amendment, modification or change to
693 the King County Fire Marshal or his or her designee for approval and agrees to comply
694 with all applicable sprinkler requirements.

695 **SECTION 75.** K.C.C. 17.04.030, as amended by this ordinance, is hereby
696 recodified as a new section in K.C.C. chapter 17.04.

697 **SECTION 76.** Ordinance 6328, Section 4, as amended, and K.C.C. 17.04.030 are
698 each hereby amended to read as follows:

699 **Automatic sprinkler systems – Where required – Senior citizen apartments**
700 (~~(–sprinklers required (UFC 1003.2.9))~~). Section 903.2.7 of the International Fire
701 Code is supplemented with the following:

702 **Senior citizen apartments (IFC 903.2.7.1).** All senior citizen apartments
703 defined as, a room or a suite of two or more rooms in a duplex or multi-family structure

for which occupancy of the structure has been limited to persons age sixty-two or older by covenant or deed restriction in which King County is granted enforcement authority, which are four stories or more in height shall be protected throughout by an approved automatic sprinkler system.

SECTION 77. K.C.C. 17.04.010245, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

SECTION 78. Ordinance 14111, Section 215, and K.C.C. 17.04.010245 are each hereby amended to read as follows:

Automatic sprinkler systems – Where required - All occupancies ((except Group R, Division 3 and Group U occupancies)). Section ((1003.2.2)) 903.2.10 of the ((Uniform)) International Fire Code is not adopted and the following is substituted:

All occupancies ((except Group R, Division 3 and Group U occupancies (UFC 1003.2.2)) Except for Group R, Division 3 and Group U Occupancies, an automatic sprinkler system shall be installed:

1. ~~In every story or basement of all buildings when the floor area exceeds 1,500 square feet (139.4 m²) and there is not provided at least 20 square feet (1.86 m²) of opening entirely above the adjoining ground level in each 50 lineal feet (15 240 mm) or fraction thereof of exterior wall in the story or basement on at least one side of the building. Openings shall have a minimum dimension of not less than 30 inches (762 mm). Such openings shall be accessible to the fire department from the exterior and shall not be obstructed in a manner that firefighting or rescue cannot be accomplished from the exterior.~~

726 ~~When openings in a story are provided on only one side and the opposite wall of~~
727 ~~such story is more than 75 feet (22 860 mm) from such openings, the story shall be~~
728 ~~provided with an approved automatic sprinkler system, or openings as specified above~~
729 ~~shall be provided on at least two sides of an exterior wall of the story.~~

730 ~~If any portion of a basement is located more than 75 feet (22 860 mm) from openings~~
731 ~~required in Section 1003.2.2, the basement shall be provided with an approved automatic~~
732 ~~sprinkler system.~~

733 ~~2. At the top of rubbish and linen chutes and in their terminal rooms. Chutes~~
734 ~~extending through three or more floors shall have additional sprinkler heads installed~~
735 ~~within such chutes at alternate floors. Sprinkler heads shall be accessible for servicing.~~

736 ~~3. In rooms where nitrate film is stored or handled. See also Article 33.~~

737 ~~4. In protected combustible fiber storage vaults as defined in Article 2. See also~~
738 ~~Article 28.~~

739 ~~5. Throughout all buildings with a used for human occupancy that is located 55~~
740 ~~feet (16.76 m) or more above the lowest level of fire department vehicle access.~~

741 ~~**EXCEPTIONS:** 1. Airport control towers. 2. Open parking structures. 3.~~
742 ~~Group F, Division 2 Occupancies.~~

743 ~~6.))~~ **(IFC 903.2.10).** For residential units and their accessory structures built
744 under the International Residential Code, sprinklers shall be installed as set forth in
745 Section 903.2.10.4. For all other occupancies an automatic sprinkler system shall be
746 installed in the locations set forth in Section 903.2.10.1 through Section 903.2.10.1.2.
747 Sprinklers are required ((f))in all ((other))occupancies requiring 2,000 gallons per minute
748 or more fire flow, or where the total floor area included within the surrounding exterior

walls on all floor levels including basements exceeds 10,000 square feet. ~~((Area))~~ Fire separation walls, as noted in Section ~~((504.6))~~ 705.1 of the ~~((Uniform))~~ International Building Code, shall not be considered to separate a building to enable deletion of the required automatic sprinkler system.

NEW SECTION. SECTION 79. There is hereby added to K.C.C. chapter 17.04 a new section to read as follows:

Automatic sprinkler systems – Where required – Buildings more than fifty-five feet in height. Section 903.2.10.3 of the International Fire Code is not adopted and the following is substituted:

Buildings more than fifty-five feet in height (IFC 903.2.10.3). An automatic sprinkler system shall be installed ~~((F))~~ throughout all buildings used for human occupancy that are located 55 feet (16.76 m) or more above the lowest level of fire department vehicle access.

EXCEPTIONS:

1. Airport control towers.
2. Open parking structures.

SECTION 80. Ordinance 12560, Section 172, as amended, and K.C.C. 17.04.01025 are each hereby repealed.

SECTION 81. Ordinance 12560, Section 173, as amended, and K.C.C. 17.04.01026 are each hereby repealed.

SECTION 82. K.C.C. 17.04.01027, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

771 SECTION 83. Ordinance 12560, Section 174, as amended, and K.C.C.
772 17.04.01027 are each hereby amended to read as follows:

773 ~~((Fire-extinguishing))~~ Automatic sprinkler systems - ((Group R, Division 3
774 ~~occupancies (UFC 1003.2.10)))~~ Where required – Residential units and accessory
775 structures built under the IRC. Section 903.2.10 of the International Fire Code is
776 supplemented with the following:

777 **Residential units and accessory structures built under the IRC (IFC**
778 **903.2.10.4).** An automatic sprinkler system shall be installed in ~~((Group R, Division 3~~
779 ~~occupancies))~~ structures built under the International Residential Code (IRC):

- 780 1. Exceeding 2,500 square feet gross floor area (including attached garages)
781 without adequate fire flow except as cited in K.C.C. 17.08.030((-));
- 782 2. Without approved fire department access as defined in the road standards of
783 King County Ordinance 11187((-)) (Article 9, section 902); or
- 784 3. If 2,000 gallons per minute or more fire flow is required or where the total
785 floor area included within the surrounding exterior walls on all floor levels including
786 basements exceeds 10,000 square feet. For townhouses, each unit is considered a
787 separate building.

788 **EXCEPTIONS:** Attached decks, exterior porches and carports open on two
789 sides.

- 790 4. Where special hazards or unusual conditions exists in addition to the normal
791 hazard of the space due to the design, size, volume or use of the space, the Fire Marshal
792 is authorized to require additional safeguards suitable for the protection of the hazard or
793 condition involved. Additional safeguards can consist of automatic fire alarm system,

automatic sprinkler or water spray system, standpipe and hose, fixed or portable fire extinguishers, or other ~~((special))~~ special fire-extinguishing systems. Where such systems are provided, they shall be designed and installed in accordance with the ~~((applicable Uniform))~~ International Fire Code ~~((Standards. See Article 90 and section 101.3))~~.

SECTION 84. Ordinance 14111, Section 219, and K.C.C. 17.04.010273 are each hereby repealed.

SECTION 85. K.C.C. 17.04.010275, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

SECTION 86. Ordinance 14111, Section 220, and K.C.C. 17.04.010275 are each hereby amended to read as follows:

~~((General))~~ **Alternative automatic fire-extinguishing systems – Where required – Cooking appliance hood system suppression.** Section ~~((1006.2.3.1))~~ 904.2 of the ~~((Uniform))~~ International Fire Code is ~~((not adopted and))~~ supplemented with the following ~~((is substituted))~~:

~~((General (1006.2.3.1)))~~ **Cooking appliance hood system suppression (IFC 904.2.2).** The automatic fire-extinguishing system used to protect ventilating hoods and ducts and cooking appliances shall be approved for the cooking medium utilized, tested to UL Standard 300 and installed to include cooking surfaces, deep fat fryers, griddles, upright broilers, charbroilers, range tops and grills. Protection shall also be provided for the enclosed plenum space within the hood above filters and exhaust ducts serving the hood.

815 All deep fat fryers shall be installed with at least a 16 inch (406.4 mm) space
816 between the fryer and surface flames from adjacent cooking equipment or as approved by
817 the Fire Marshal.

818 SECTION 87. Ordinance 14111, Section 221, and K.C.C. 17.04.010277 are each
819 hereby repealed.

820 SECTION 88. K.C.C. 17.04.01028, as amended by this ordinance, is hereby
821 recodified as a new section in K.C.C. chapter 17.04.

822 SECTION 89. Ordinance 12560, Section 175, as amended, and K.C.C.
823 17.04.01028 are each hereby amended to read as follows:

824 **Fire(~~(-protection systems and equipment - Fire))~~ alarm and detection systems**
825 **~~((UFC 1008))~~ - General.** Section 907.1 of the International Fire Code is not adopted
826 and the following is substituted:

827 **General (IFC 907.1).**

828 1. All occupancies exceeding 3,000 square feet gross floor area shall be required
829 to provide an approved monitored automatic fire detection system. (~~(Area)~~) Fire
830 separation walls as noted in Section (~~((504.6))~~) 705.1 of the (~~((Uniform))~~) International
831 Building Code shall not be considered to separate a building to enable deletion of the
832 required fire detection system except in the following:

- 833 1.1. Group U (~~((or R, Division 3,))~~) occupancies.
- 834 1.2. Residential units built under the IRC.
- 835 1.3. Occupancies protected throughout by an approved/monitored automatic
836 sprinkler system (~~((can))~~) may delete heat detectors from the system. Smoke detection
837 type devices are not exempted in buildings with fire sprinkler systems.

2. The provisions of this section shall apply to all buildings whose county assessed value has increased by more than 50% within a five year period due to the added value of ~~((additions,))~~ alterations and repairs. When the first permit application is submitted to add to, alter or repair an existing building, the county assessed value of the building at the time the complete application is submitted shall be considered the base county assessed value for the following five year period.

EXCEPTION: Structures damaged as a result of ~~((a disaster, as defined in K.C.C. 16.20.080))~~ an emergency declared in accordance with K.C.C. chapter 12.52, shall comply with K.C.C. 17.04.0816, as recodified by this ordinance and 17.04.083, as recodified by this ordinance.

3. Any additions to an existing structure shall be considered new construction and subject the entire structure to the provisions of this section.

SECTION 90. Ordinance 12641, Section 4, as amended, and K.C.C. 17.04.01029 are each hereby repealed.

SECTION 91. Ordinance 12560, Section 176, as amended, and K.C.C. 17.04.01030 are each hereby repealed.

SECTION 92. Ordinance 12560, Section 177, as amended, and K.C.C. 17.04.01031 are each hereby repealed.

SECTION 93. Ordinance 12560, Section 178, as amended, and K.C.C. 17.04.01032 are each hereby repealed.

SECTION 94. Ordinance 12560, Section 179, as amended, and K.C.C. 17.04.01033 are each hereby repealed.

860 SECTION 95. Ordinance 12560, Section 180, as amended, and K.C.C.
861 17.04.01034 are each repealed.

862 SECTION 96. Ordinance 12560, Section 181, as amended, and K.C.C.
863 17.04.01035 are each hereby repealed.

864 SECTION 97. Ordinance 12560, Section 182, as amended, and K.C.C.
865 17.04.01036 are each hereby repealed.

866 SECTION 98. Ordinance 12560, Section 183, as amended, and K.C.C.
867 17.04.01037 are each hereby repealed.

868 SECTION 99. Ordinance 12560, Section 184, as amended, and K.C.C.
869 17.04.01038 are each hereby repealed.

870 SECTION 100. K.C.C. 17.04.010237, as amended by this ordinance, is hereby
871 recodified as a new section in K.C.C. chapter 17.04.

872 SECTION 101. Ordinance 14111, Section 211, and K.C.C. 17.04.010237 are
873 each hereby amended to read as follows:

874 **((General.)) Fire department connections – Location – Distance.** Section
875 **((1003.1.1.)) 912.2** of the **((Uniform)) International Fire Code** is **((not adopted and))**
876 **supplemented with** the following **((is substituted))**:

877 ~~**((General (UFC 1003.1.1). Fire extinguishing systems shall be installed in**~~
878 ~~**accordance with the Building Code and Section 1003.**~~

879 ~~1. Fire hose threads used in connection with fire extinguishing systems shall be~~
880 ~~national standard hose thread or as approved.~~

881 ~~2. The location of fire department hose connections shall be approved.~~

3. ~~In buildings used for high-piled combustible storage, fire protection shall be in accordance with Article 81.~~

4.) **Distance (IFC 912.2.3).** Fire department pumper connections shall not be located on a building unless approved by the Fire Marshal, and shall be located within 50 feet of a required fire hydrant.

SECTION 102. K.C.C. 17.04.0815, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

SECTION 103. Ordinance 14238, Section 29, and K.C.C. 17.04.0815 are each hereby amended to read as follows:

Disaster damage – purpose ((UFC 8705.5)). Section 1401 of the International Fire Code is supplemented with the following:

Disaster damage - purpose (IFC 1401.3). The purpose of K.C.C. 17.04.0816 and 17.04.083 is to provide a defined level of repair for buildings and structures damaged as a result of a disaster~~((, as defined in K.C.C. 16.20.080, when a formal state of emergency))~~ has been declared accordance with K.C.C. chapter 12.52. The provisions of K.C.C. 17.04.0816 through 17.04.083, all as recodified by this ordinance are not intended to modify requirements that would otherwise apply under the Washington state energy code, chapter 19.27A RCW or provisions in buildings for aged and handicapped persons, chapter 70.92 RCW.

SECTION 104. K.C.C. 17.04.0816, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

SECTION 105. Ordinance 14238, Section 30, and K.C.C. 17.04.0816 are each hereby amended to read as follows:

905 **Disaster damage - ((Life safety/r))Rescue access((, fire extinguishing system))**
906 **and fire ((detection)) protection system requirements for structures damaged by**
907 **disaster ((UFC 8705.6))**. Section 1401 of the International Fire Code is supplemented
908 with the following:

909 **Rescue access and fire protection system requirements for structures**
910 **damaged by disaster (IFC 1401.3.1)**. Structures damaged as a result of ((a disaster, as
911 defined in K.C.C. 16.20.080)) an emergency declared in accordance with K.C.C. chapter
912 12.52, that do not comply with K.C.C. 17.04.01023, as recodified by this ordinance (Life
913 safety/rescue access - ((UFC 904)) Section 504.3), K.C.C. 17.04.01024, as recodified by
914 this ordinance (Fire extinguishing systems - ((UFC 1003.2.1)) Section 903.1) or K.C.C.
915 ((14))17.04.01028, as recodified by this ordinance (Fire detection systems - ((UFC 1008))
916 Section 907.1), shall comply with current code based on the ratio of the estimated value
917 of the repairs required to restore the structural members to the pre-event condition to the
918 estimated replacement value of the structure as follow:

919 1. When the damage ratio is thirty percent or less, structures will not be required
920 to be retrofitted to comply with K.C.C. 17.04.01023, as recodified by this ordinance (Life
921 safety/rescue access - ((UFC)) Section ((904)) 504.3), K.C.C. 17.04.01024, as recodified
922 by this ordinance (Fire extinguishing systems - ((UFC 1003.2.1)) Section 903.1) or
923 K.C.C. 17.04.01028, as recodified by this ordinance (Fire detection systems - ((UFC
924 1008)) Section 907.1).

925 2. When the damage ratio is greater than thirty percent but less than fifty percent,
926 structures shall comply with K.C.C. 17.04.01023, as recodified by this ordinance (Life
927 safety/rescue access - ((UFC))-Section ((904)) 504.3), K.C.C. 17.04.01024, as recodified

by this ordinance (Fire extinguishing systems - ~~((UFC-1003.2.1))~~ Section 903.1) and K.C.C. 17.~~((08))~~04.01028, as recodified by this ordinance (Fire detection systems - ~~((UFC-1008))~~ Section 907.1), to the degree feasible. When full compliance with K.C.C. 17.04.01024, as recodified by this ordinance (Fire extinguishing systems - ~~((UFC))~~ Section ~~((1003.2.1))~~ 903.1) is found to not be feasible due to insufficient water availability, partial coverage may be required. Feasibility shall be determined by the fire marshal using the following factors:

- 2.1. Water availability;
- 2.2. Existing configuration off the structure;
- 2.3. Existing configuration of the site and access;
- 2.4. Whether repairs will extend the useful life of the structure;
- 2.5. Projected length of the economic life of the structure;
- 2.6. Existing or proposed area separation walls;
- 2.7. Extent of the proposed noncompliance;
- 2.8. Extent of repairs;
- 2.9. Use, occupant load, or fire load of the facility; and
- 2.10. Economic considerations.

3. When the damage ratio is fifty percent or greater, structures shall meet full compliance with K.C.C. 17.04.01023, as recodified by this ordinance (Life safety/rescue access - ~~((UFC))~~ Section ~~((904))~~ 504.3), K.C.C. 17.04.01024, as recodified by this ordinance (Fire extinguishing systems - ~~((UFC-1003.2.1))~~ Section 903.1) and K.C.C. 17.~~((08))~~04.01028, as recodified by this ordinance (Fire detection systems - ~~((UFC-1008))~~ Section 907.1).

951 SECTION 106. Ordinance 14111, Section 236, and K.C.C. 17.04.082 are each
952 hereby repealed.

953 SECTION 107. K.C.C. 17.04.083, as amended by this ordinance, is hereby
954 recodified as a new section in K.C.C. chapter 17.04.

955 SECTION 108. Ordinance 14238, Section 31, and K.C.C. 17.04.083 are each
956 hereby amended to read as follows:

957 **Disaster damage – Repairing and replacing existing fire ((–extinguishing**
958 **systems and fire detection)) protection** systems damaged by a disaster **((UFC**
959 **8901))**). Section 1401 of the International Fire Code is supplemented with the following:

960 **Repairing and replacing existing fire protection systems damaged by a**
961 **disaster (IFC 1401.3.2).** Existing fire extinguishing systems and fire detection systems
962 damaged as ~~((a disaster, as defined in K.C.C. 16.20.080))~~ an emergency declared in
963 accordance with K.C.C. chapter 12.52, shall comply as follows:

964 1. When damage to an existing fire extinguishing system or fire detection system
965 requires repair, replacement or both, totaling less than or equal to ten percent of the
966 system, it may be repaired or replaced to the code requirements in effect at the time the
967 system was installed.

968 2. When the damage to an existing fire extinguishing system or fire detection
969 system requires repair, replacement or both, totaling more than ten percent, but less than
970 fifty percent of the system, the damaged portions of the system must be brought into
971 compliance with the current code requirements.

3. When the damage to an existing fire extinguishing system or fire detection system requires repair, replacement or both totaling fifty percent or more of the system, the entire system must be brought into compliance with current code requirements.

SECTION 109. Ordinance 14111, Section 237, and K.C.C. 17.04.084 are each hereby amended repealed.

SECTION 110. Ordinance 14111, Section 238, and K.C.C. 17.04.086 are each hereby repealed.

SECTION 111. Ordinance 14111, Section 239, and K.C.C. 17.04.087 are each hereby repealed.

SECTION 112. Ordinance 14111, Section 240, and K.C.C. 17.04.089 are each hereby repealed.

SECTION 113. K.C.C. 17.04.040, as amended by this ordinance, is hereby recodified as a new section in K.C.C. chapter 17.04.

SECTION 114. Ordinance 8726, Section 1, as amended, and K.C.C. 17.04.040 are each hereby amended to read as follows:

~~((UFC Table 7902.3 A. A new footnote is added to Table 7902.3 A))~~ **Outdoor storage of containers and portable tanks – Location on property.** Section 3404.4.2 of the ~~((Uniform))~~ International Fire Code ~~((as follows))~~ is not adopted and the following is substituted:

~~((⁵))~~ **Location on property.** Storage of flammable and combustible liquids in closed containers and portable tanks outside of buildings shall be in accordance with Section 3403 and sections 3404.4.1 through 3404.4.8. Capacity limits for containers and portable tanks shall be in accordance with Section 3404.3.

995 **EXCEPTION:** Outdoor storage of flammable liquids in excess of ten gallons is
996 not permitted on property used for ~~((R-1 and R-3 occupancies))~~ single family, duplex and
997 townhouse dwellings.

998 SECTION 115. Ordinance 2097, Section 15, and K.C.C. 17.04.090 are each
999 hereby repealed.

1000 SECTION 116. Ordinance 5828, Section 2, and K.C.C. 17.08.010 are each hereby
1001 amended to read as follows:

1002 **Definitions.**

1003 A. Unless otherwise provided in this section, the definitions in the ~~((Uniform))~~
1004 International Fire Code, as adopted in K.C.C. 17.04.010, and in the rules and regulations of
1005 the state board of health regarding public water systems, WAC 248-54-560, shall apply to
1006 this chapter.

1007 B. For the purposes of this chapter, "~~((F))~~fire department" ~~((shall))~~ means the fire
1008 authority normally responsible for fire suppression in a specified area.

1009 C. For the purposes of this chapter, "~~((W))~~water flow" ~~((shall))~~ means the
1010 minimum quantity of water required for domestic use or fire fighting, whichever is higher,
1011 at a specified building, development or site, expressed in continuous gallons per minute at
1012 ~~((20))~~ twenty pounds per square inch residual pressure for a designated duration of time.

1013 D. For the purposes of this chapter, "~~((F))~~fire marshal" ~~((shall))~~ means the King
1014 County fire marshal or his or her designated representative.

1015 E. For the purposes of this chapter, "~~((W))~~water main" ~~((shall))~~ means piping used
1016 to deliver water to any fire hydrants or to one or more individual service connections.

1017 SECTION 117. Ordinance 5828, Section 4, as amended, and K.C.C. 17.08.030 are
1018 each hereby amended to read as follows:

1019 **Exemptions.**

1020 A. The following permits and approvals are exempt from the water flow and fire
1021 hydrant requirements of this chapter. These exemptions do not exempt any development
1022 from compliance with the requirements of state law.

1023 1. Subdivisions and short subdivisions located outside an ~~((u))~~Urban ~~((g))~~Growth
1024 ~~((a))~~Area designated by the King County Comprehensive Plan and ~~((which))~~ that do not
1025 contain ~~((no))~~ a lot less than ~~((35,000))~~ thirty-five thousand square feet in size.

1026 2. Building permits for single family, duplex detached dwellings and mobile home
1027 permits for mobile homes not in mobile home parks, located outside an ~~((u))~~Urban
1028 ~~((g))~~Growth ~~((a))~~Area designated by the King County Comprehensive Plan, ~~((provided))~~
1029 only if the lot is at least ~~((35,000))~~ thirty-five thousand square feet in size.

1030 3. Building permits for structures classified as Group U~~((, Division 1))~~ occupancies
1031 ~~((pursuant to))~~ under the ~~((Uniform))~~ International Building Code ~~((which))~~ that conform to
1032 the definition of agricultural buildings in ~~((section 202))~~ Appendix C of the ~~((Uniform))~~
1033 International Building Code, ~~((provided such))~~ only if the structures are located outside an
1034 ~~((u))~~Urban ~~((g))~~Growth ~~((a))~~Area designated by the King County Comprehensive Plan.

1035 4. Building permits for structures ~~((which))~~ that:

1036 a. do not exceed two-thousand-five hundred square feet in floor area (excluding
1037 garage);

1038 b. are served by a Group B water system; and

1039 c. are located outside an ~~((u))~~Urban ~~((g))~~Growth ~~((a))~~Area.

1040 5. Building permits for structures ~~((which))~~ that exceed the two-thousand-five
1041 hundred square feet limit provided for in subsection A.4.a. of this section, but comply with
1042 subsection~~((s))~~ A.4.b. and ~~((4))~~ c. of this section, shall be exempt from ~~((the requirements~~
1043 ~~of))~~ this chapter if the fire marshal determines that the project will not create a substantial
1044 fire hazard.

1045 B. The fire marshal shall have the authority to impose conditions~~((;))~~ including, but
1046 not limited to, increased setbacks, use of fire retardant materials~~((;))~~ or ~~((drafting ponds))~~
1047 sprinkler system requirements on permits exempt ~~((pursuant to))~~ under subsection A. of
1048 this section where necessary to mitigate identified fire hazards.

1049 C. Building permits and mobile home permits and subdivisions and short
1050 subdivisions exempt ~~((pursuant to))~~ under subsection A. of this section shall as a condition
1051 of approval, record a covenant running with the land which acknowledges the absence of
1052 fire hydrants and by which owners of the property and their successors are deemed to have
1053 agreed to participate in and not oppose or protest annexation to a public water district or the
1054 formation of a utility local improvement district for installation of water mains and fire
1055 hydrants consistent with applicable county standards~~((; provided))~~. However, this
1056 condition shall not apply to any subdivision or short subdivision, or to any building permits
1057 and mobile home permits exempt ~~((pursuant to))~~ under subsection A. of this section when
1058 the lot is five acres or larger, or the proposed subdivision, short subdivision or structure is
1059 located outside an ~~((u))~~ Urban ~~((g))~~ Growth ~~((a))~~ Area designated by the ~~((1994))~~ King
1060 County Comprehensive Plan.

1061 SECTION 118. Ordinance 5828, Section 5, and K.C.C. 17.08.040 are each hereby
1062 amended to read as follows:

Water main requirements.

A. All new required water mains subject to this ~~((C))~~chapter ~~((which))~~ that serve fire hydrants shall be a minimum of eight inches inside diameter for dead end mains and six inches inside diameter for circulating mains. Hydrant leads less than fifty feet in length may be six inches in diameter.

B. All new required water mains subject to this ~~((C))~~chapter shall have fire hydrants installed to conform to the requirements of this chapter.

C. All new required water mains subject to this ~~((C))~~chapter shall meet applicable engineering and health standards adopted by the ~~((S))~~state of Washington or the water purveyor, including ~~((WAC C))~~chapters 248-54 and 248-57 WAC.

SECTION 119. Ordinance 5828, Section 6, and K.C.C. 17.08.050 are each hereby amended to read as follows:

Fire hydrants - single family. Fire hydrants serving detached single family dwellings or duplex dwellings, excluding townhouses, on individual lots shall be located not more than seven hundred feet on center and shall be located so that no single family lot is more than three hundred fifty feet from a hydrant. ~~((Such))~~ The distances shall be measured on the path of vehicular access, unless a variance is obtained pursuant to Section 17.08.090A.

SECTION 120. Ordinance 5828, Section 7, and K.C.C. 17.08.060 are each hereby amended to read as follows:

Fire hydrants - other uses.

A. Fire hydrants serving any use, including townhouses, other than detached single family dwellings or duplex dwellings on individual lots shall be located not more than three

hundred feet on center and shall be located so that at least one hydrant is located within one hundred fifty feet of all structures or uses. (~~Chapter 4~~) Distances shall be measured on the path of vehicular access, unless a variance is obtained (~~pursuant to Section~~) in accordance with K.C.C. 17.08.090.A.

B. The department (~~of planning and community development~~) shall adopt rules and regulations specifying the number and location of fire hydrants for structures and uses which require more than one fire hydrant.

SECTION 121. Ordinance 5828, Section 8, and K.C.C. 17.08.070 are each hereby amended to read as follows:

Minimum water flow requirements.

A. The department (~~of planning and community development~~) shall adopt rules and regulations based upon the Guide for Determination of Required Fire Flow, 1974 Edition, published by the Insurance Service Office, establishing criteria for determination of water flow requirements sufficient to provide reasonable fire protection.

B. In no event, shall the water flow required for any use be less than that required by (~~WAC 6~~) chapters 248-54 and 248-57 WAC.

SECTION 122. Ordinance 5828, Section 9, and K.C.C. 17.08.080 are each hereby amended to read as follows:

Fire hydrants. The department (~~of planning and community development~~) shall adopt rules and regulations establishing standards for design and installation of fire hydrants as necessary to meet sound engineering practices and provide reasonable fire protection.

1108 SECTION 123. Ordinance 5828, Section 10, as amended, and K.C.C. 17.08.090
1109 are each hereby amended to read as follows:

1110 **Variances.**

1111 A. The fire marshal shall have the authority to approve deviations from the
1112 standards established ~~((pursuant to))~~ under this chapter when it is shown that:

1113 1. ~~((§))~~Strict compliance would require unreasonable fire hydrant locations, fire
1114 flow requirements or water main sizes; and

1115 2. ~~((†))~~The variance would not unreasonably affect adequate fire protection to the
1116 area or structures served.

1117 B. The fire marshal ~~((shall))~~ may approve variances, except as provided in
1118 subsection C. of this section for connections to single family residences served by existing
1119 water system ~~((which))~~ that have fire hydrants and fire flow of at least ~~((500))~~ five hundred
1120 gallons per minute if the variance would not unreasonably affect fire protection and
1121 ~~((provided that))~~ only if the purveyor's approved comprehensive plan includes a method for
1122 increasing fire flow to current standards.

1123 C. The fire marshal shall not approve any variance which would result in a
1124 violation of ~~((WAC C))~~ chapters 248-54 and 248-57 WAC without prior approval of the
1125 state Department of Social and Health Services.

1126 SECTION 124. Ordinance 5828, Section 11, and K.C.C. 17.08.130 are each
1127 hereby amended to read as follows:

1128 **Water ~~((P))~~purveyor ~~((A))~~authority.** Nothing in this chapter or rules and
1129 regulations adopted by the department ~~((of planning and community development pursuant~~
1130 ~~to))~~ in accordance with this chapter shall be construed to prohibit water purveyors from

1131 imposing more stringent requirements for the construction of water mains and fire
1132 hydrants.

1133 SECTION 125. Ordinance 5828, Section 12, and K.C.C. 17.08.140 are each
1134 hereby amended to read as follows:

1135 **Individual service connections.** No more than ~~((60))~~ sixty feet of piping ~~((which))~~
1136 that connects the customer's plumbing system to the purveyor's water main or water meter
1137 shall be located in any public road right-of-way unless approved ~~((pursuant to))~~ in
1138 accordance with K.C.C. chapter 14.28.

1139 SECTION 126. Severability. If any provision of this ordinance or its application
1140 to any person or circumstance is held invalid the remainder of the ordinance or the

Ordinance

1141 application of the provision to other persons or circumstances is not affected.

1142 SECTION 127. **Effective date.** This ordinance takes effect July 1, 2004.

1143

KING COUNTY COUNCIL
KING COUNTY, WASHINGTON

Larry Phillips, Chair

ATTEST:

Anne Noris, Clerk of the Council

APPROVED this ____ day of _____, ____.

Ron Sims, County Executive

Attachments None